

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 15   | ((("4343387") or ("4656883") or ("5725456") or ("5964509") or ("6050652") or ("6314342") or ("6736754")).PN. or (2002/0047417).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/12/20 14:11 |
| S2    | 2    | ("20020047417").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/12/20 14:18 |
| S3    | 351  | 477/3.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/12/20 14:20 |
| S4    | 54   | S3 and (vibrat\$3 oscillat\$4 resonat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/12/20 14:31 |
| S5    | 71   | S1 S2 S4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/12/20 14:31 |
| S6    | 134  | 477/4.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/12/20 14:31 |
| S7    | 9    | S6 and (vibrat\$3 oscillat\$4 resonat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/12/20 14:32 |
| S8    | 384  | 477/5.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/12/20 14:32 |
| S9    | 64   | S8 and (vibrat\$3 oscillat\$4 resonat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/12/20 14:37 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S10 | 79   | S5 S7                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/20 14:32 |
| S11 | 53   | S9 not S10                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/20 14:37 |
| S12 | 335  | 477/97.ccls.                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/20 14:37 |
| S13 | 41   | S12 and (vibrat\$3 oscillat\$4 resonat\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/20 14:41 |
| S14 | 172  | S10 S11 S13                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/20 14:40 |
| S15 | 102  | 477/902.ccls.                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/20 14:41 |
| S16 | 14   | S15 and (vibrat\$3 oscillat\$4 resonat\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/20 14:42 |
| S17 | 182  | S14 S16                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/20 14:42 |
| S18 | 3032 | 903/941.ccls.                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/20 14:42 |
| S19 | 282  | S18 and (vibrat\$3 oscillat\$4 resonat\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/20 14:53 |

## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S20 | 254  | S19 not S17                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/20 14:53 |
| S21 | 436  | S17 S20                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/20 14:53 |
| S22 | 3905 | 903/942.ccls.                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/20 14:53 |
| S23 | 369  | S22 and (vibrat\$3 oscillat\$4<br>resonat\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/20 14:57 |
| S24 | 111  | S23 not S21                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/20 14:56 |
| S25 | 547  | S21 S24                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/20 14:56 |
| S26 | 1117 | 903/945.ccls.                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/20 14:56 |
| S27 | 93   | S26 and (vibrat\$3 oscillat\$4<br>resonat\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/20 14:58 |
| S28 | 10   | S27 not S25                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/20 14:58 |
| S29 | 474  | 903/921.ccls.                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/20 14:58 |

## EAST Search History

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S30 | 21   | S29 and (vibrat\$3 oscillat\$4 resonat\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/12/20 14:59 |
| S31 | 1066 | 903/925.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/12/20 14:59 |
| S32 | 79   | S31 and (vibrat\$3 oscillat\$4 resonat\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/12/20 14:59 |
| S33 | 563  | S25 S28 S30  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/12/20 14:59 |
| S34 | 16   | S32 not S33  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/12/20 15:01 |
| S35 | 579  | S33 S34  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/12/20 15:01 |
| S36 | 10   | ("4733920"   "4759590"   "5511867"   "5556174"   "5615935"   "5727856"   "5868474").PN. OR ("6050652").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2006/12/20 16:58 |
| S37 | 2    | ("6969338").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/20 17:26 |
| S38 | 118  | S35 and ((dual or two or second) near3 clutch)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/12/20 17:31 |
| S39 | 44   | S35 and (seat or chair)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/12/20 17:34 |

## EAST Search History

|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S40 | 16019 | (seat or chair) with (vibrat\$3<br>oscillat\$4 resonat\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/12/20 17:35 |
| S41 | 2339  | S40 and transmission                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/12/20 17:35 |
| S42 | 1814  | S41 and (control\$3 or regulat\$3 or<br>damp\$4)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/12/20 17:37 |
| S43 | 478   | S42 and phase  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/12/20 17:37 |
| S44 | 0     | ("wo2057108").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/21 09:59 |
| S45 | 0     | ("wo20057108").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/21 09:59 |
| S46 | 0     | ("wo20020057108").PN.                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/21 09:59 |
| S47 | 0     | ("wo2002057108").PN.                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/21 09:59 |
| S48 | 3     | ("2002057108").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/21 10:00 |
| S49 | 2     | ("20020057108").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/21 10:00 |

## EAST Search History

|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| S50 | 21 | dreibholz-ralf.in. and baasch-detlef.in. and gumpoltsberger-gerhard.in. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/21 10:01 |
| S51 | 39 | winkel-matthias.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/21 11:39 |
| S52 | 61 | jager-thomas.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/21 11:39 |
| S53 | 60 | S52 not S51   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/21 11:39 |
| S54 | 15 | kramer-rupert.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/21 11:40 |
| S55 | 4  | aepker-horst.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/21 11:40 |